



U.S. ENVIRONMENTAL PROTECTION AGENCY
REGION 10
1200 SIXTH AVENUE
SEATTLE, WASHINGTON 98101

REPLY TO
ATTN OF:

HW-113

7/29/87

Lee Godfree
Soda Springs Water Department
9th West, 2nd South
Soda Springs, Idaho 83276

Dear Mr. Godfree:

The U.S. Environmental Protection Agency (EPA), through its contractor Ecology and Environment, Inc. (E&E), collected a sample from Formation and Ledge Creek Springs on July 29, 1987. The sample was analyzed for approximately 150 compounds on EPA's Target Compound List.

Most of the substances tested for were not found in the water sample. However, substances which were found are listed on the enclosed data table. You should be aware that one element, iron, exceeds the EPA Secondary Drinking Water Standard in the sample collected from Formation Springs. Secondary standards are set for taste, color, odor, and other aesthetic considerations which are not health related.

If you have any questions regarding the samples, I can be reached at (206) 442-7215.

Sincerely,

Bill Glasser

William J. Glasser, R.S., M.P.H.
Environmental Protection Specialist
Superfund Response & Investigations Section

Enclosure

AR

1.1 0014

6248

1.10014

Sampling Results

Sample Location: Formation and Ledge Creek Springs
Soda Springs, Idaho

Sample Date: July 29, 1987

<u>Substance</u>	<u>Concentration (ug/l)</u>		<u>EPA Drinking Water Standard (ug/l)</u>
	<u>Formation Springs</u>	<u>Ledge Cr. Springs</u>	
Calcium	142,800	114,800	No standard exists
Chromium	Undetected	2	50*
Cobalt	4	2	No standard exists
Iron	315	9	300**
Magnesium	41,800	41,700	No standard exists
Manganese	4	Undetected	50**
Nickel	14	Undetected	No standard exists
Potassium	1400	1600	No standard exists
Silver	.5	Undetected	50*
Sodium	5300	6300	20,000 (Guidance Level)
Vanadium	16	48	No standard exists
Chloride	4000	5900	250,000**
Phosphate	Undetected	380	No standard exists
Sulfate	31,700	32,400	250,000**

* Primary standards are health-based benchmarks.

** Secondary standards are set for taste, color, odor, and other aesthetic considerations which are not health related.